The user manual of TV's WIFI、Bluetooth module

1. The product description

The user can achieve TV connection WIFI net and Bluetooth, through this module.

This equipment may be operated in all European countries.

2. Basic parameters

Feature Description	Feature Description
Model	MW503-1
Product Name	WiFi 11a/b/g/n/ac 2T2R and BT5.0 Model
Major Chipset	Realtek RTL8822CU-VB
WLAN Standard	IEEE 802.11a/b/g/n/ac
BT Standard	BT2.1/3.0/4.0/5.0
WLAN Frequency Range	2.4GHz~2.4835GHz,5.0~5.8GHz
BT Frequency Range	2402MHz~2480MHz
Spread Spectrum	IEEE 802.11b: DSSS (Direct Sequence Spread Spectrum) IEEE802.11a/g/n/ac: OFDM (Orthogonal Frequency Division Multiplexing)
Modulation Method	DSSS/DBPSK/DQPSK/16-QAM/ 64-QAM/256QAM
Data Transfer Rate	1,2,5.5,6,11,12,18,22,24,30,36,48,54,60, 90,120 and maximum of 867Mbps
Antenna Reference	Internal Printed ANT
Interface	USB2.0
Supply Voltage	5V±0.2V
Dimension	55×33×3.15mm
Operating Temperature	-10°C to 70°C
Storage Temperature	-40°C to 85°C

3. RF output power

	Banda	Limited power
BT	**2402MHZ-2480MHZ**	**0-20**
WlAN	**2412MHZ-2472MHZ**	**<20**
	5150MHZ-5850MHZ	

4. The display method of Model approved code

In the factory，the model approve code is pasted on the back shell in a label.

5. FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures：

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

6. Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of FCC RF Rules. This equipment should be installed and operated with minimum distance of 20 in (50cm) between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter

CAUTION:

To comply with the limits of the Class B digital device pursuant to Part 15 of the FCC Rules, this device is compliant with Class B limits. All peripherals must be shielded and grounded. Operation with non-certified peripherals or non-shielded cables may results in interference to radio or reception

MODIFICATION

To assure continued compliance, Any changes or modifications not expressly approved by the grantee of this device could void the users authority to operate the device.

7. Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 50 cm(8 in)between the radiator and your body NOTE To satisfy FCC exterior labeling requirements, the following text must be placed on the exterior of the end product Contains Transmitter module FCC ID: SARMW5031 To satisfy IESD exterior labeling requirements, the following text must be placed on the exterior of the end product " Contains Transmitter module IC ID: 27123-MW5031

This symbol on the product or on its packaging indicates that this product must not be disposed of with your household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Manufacturer: Hisense Communication Co., Ltd.
Address: Hisense Infor. Industrial Park Economic Technology Dev. District, Qingdao, China
Importers:
Hisense France SAS
Address: 9 Rue des 3 Soeurs, 93420 Villepinte, France
Hisense Iberia, S.L.U
Address: Ronda Auguste y Louis Lumiere. 23 Nave 12. Edificio Lumiere - Parque Tecnológico 46980
Paterna (Valencia) - Spain
Hisense Italia S.r.l
Address: Via Montefeltro, 6/A, 20156 MILANO
Hisense South Africa

Address: The Estuaries, Building 17 Oxbow Crescent, Century City, Cape Town, South Africa.

i、 the device for operation in the band 5150 – 5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;Footnote4
ii、 for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;
iii、 for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits as appropriate; and
iv、 where applicable, antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 shall be clearly indicated.